

## ABSTRACT

The present invention provides HIDE1 as novel monocyte markers. Since HIDE1 are membrane proteins, monocytes can be specifically detected by using antibodies that bind to HIDE1. Further, HIDE1-positive monocytes can also be collected from peripheral blood or the like using a cell sorter, magnet, or such. Monocytes that can be prepared based on the present invention are useful in cell immunotherapy.